

## **CITY OF BURBANK**

### **ELECTRICIAN**

#### **DEFINITION**

Under direction, to perform journey-level work in the construction, maintenance and repair of electrical facilities, including those at high voltage in an electric and water utility system; and to do related work as required.

#### **ESSENTIAL FUNCTIONS**

Performs skilled electrical and mechanical work in the construction, installation, maintenance and testing of equipment in electric generating plants, water utility facilities, traffic control and fire alarm systems, communication systems, municipal buildings, electric switching and distributing stations and consumers' substations; working from construction prints, sketches and schematic diagrams, fabricates, forms and erects bus and steel structures; installs conduit for electrical facilities; moves and installs all sizes of electrical equipment and associated control equipment; installs, splices and terminates wires and cables; installs and maintains annunciator, alarm and public address systems; works on energized high voltage circuits and equipment; tests, repairs and maintains safety protective devices, electric motors, generators, communication equipment and other electrical and electronic devices; tests, filters and treats insulating oils; installs, maintains, repairs and overhauls air conditioning, heating, and refrigeration equipment; prepares estimates for construction, maintenance, and repair projects; repairs and maintains hoists; performs all work under established safety practices; leads and trains employees; drives on City business.

#### **MINIMUM QUALIFICATIONS**

##### **Employment Standards:**

- Knowledge of - the tools, methods and the materials required for the installation, maintenance and tests of electrical equipment used in electric and water utility systems; the electrical safety laws, rules and regulations relative to electrical construction and maintenance of installations and the hazards involved in working on energized equipment and the proper safety precautions to use.
- Ability to - understand and carry out oral and written directions; work at heights; apply first aid and artificial resuscitation; establish and maintain effective working relationships with supervisors, fellow employees, and the public.

**Education/Training:** Recent completion of an electrician apprenticeship program approved by the State of California or equivalent that includes work on high voltage equipment - OR - five years of recent electrical wiring experience in commercial and industrial buildings with one year at the journey level that includes work on high voltage equipment.

**Special Conditions & Requirements:** Employees in this classification will be required to comply with the American National Standards Institute's requirements on Practices for Respiratory Protection. **COLOR VISION:** Keen color perception.

**License & Certificates:** A valid California Class "C" driver's license or equivalent at time of appointment and a valid California Class "A" driver's license or equivalent at time of permanent appointment. A crane certification may be required based on job assignment.

#### **SUPPLEMENTAL INFORMATION**

None.